

Approved _____ Mayor
Veto _____
Override _____

Amended
Agenda Item No. 6(Q)(1)(A)
3-12-02

RESOLUTION NO. 254-02

OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
DADE COUNTY, FLORIDA

RESOLUTION SUPPORTING OBJECTIVE RESEARCH INTO
THE ROLE OF AQUIFER STORAGE AND RECOVERY
TECHNOLOGIES IN EVERGLADES RESTORATION AND AS
AN ALTERNATIVE WATER RESOURCE TO BENEFIT THE
PUBLIC WATER SUPPLY FOR MIAMI-DADE COUNTY

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference; and

WHEREAS, if successful, the citizens and environment of South Florida will benefit greatly from the implementation of regional Aquifer Storage and Recovery (ASR) systems associated with the Comprehensive Everglades Restoration Plan (CERP); and

WHEREAS, the Miami-Dade Water and Sewer Department has operated such a system, on a local scale, with no detectable problems due to microorganisms, geochemical interactions or other issues of concern at the regional level and its ASR system has proven to be a reliable technology for storing excess water during the rainy season for beneficial use during the dry season, particularly under drought conditions; and

WHEREAS, the proposed CERP ASR plan includes 333 wells, an unprecedented scale for implementation of this technology, which creates a unique set of technical and practical uncertainties; and

WHEREAS, ASR technology may provide multi-year storage to improve management of drought conditions, such as those experienced by Florida during the last year and a half; and

WHEREAS, ASR technology may provide cost-effective benefits related to evapotranspiration or seepage losses and requires less land to implement than its alternatives; and

WHEREAS, there are many significant concerns that must be addressed prior to the full-scale implementation of the ASR components described in the CERP; and

WHEREAS, the National Academy of Science's Committee on Restoration of the Greater Everglades Ecosystem (CROGEE) and the Aquifer Storage and Recovery Issue Team of the South Florida Ecosystem Restoration Task Force have both called for objective scientific research in order to adequately address the specific uncertainties embodied in very large scale applications of ASR technology,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board:

Section 1. Supports the expeditious development, monitoring and evaluation of the ASR Regional Study, the ASR Pilot Projects at Lake Okeechobee, the Caloosahatchee River and Western Hillsboro Basin, as well as a City of West Palm Beach demonstration project, in order to address the significant concerns raised about this technology by the National Academy of Sciences and the South Florida Ecosystem Restoration Task Force.

Section 2. Supports ongoing, science-based research by the U.S. Army Corps of Engineers, the Florida Department of Environmental Protection, and the South Florida Water Management District that is designed to conduct all necessary data collections and scientific studies necessary to methodically evaluate the feasibility of using ASR technology for the

benefit of long-term regional water resources and Everglades restoration, as outlined in the CERP.

Section 3. Urges the U.S. Army Corps of Engineers and the South Florida Water Management District to develop adequate contingency plans to accommodate potential shortfalls in ASR performance and any further delays in implementation, in order to meet their obligation to provide an adequate water resource for human and natural demands, at the required level of certainty under both wet and dry climatic conditions, and further urging that both the U.S. Army Corps of Engineers and the South Florida Water Management District wait until the completion of the studies before constructing any ASR wells.

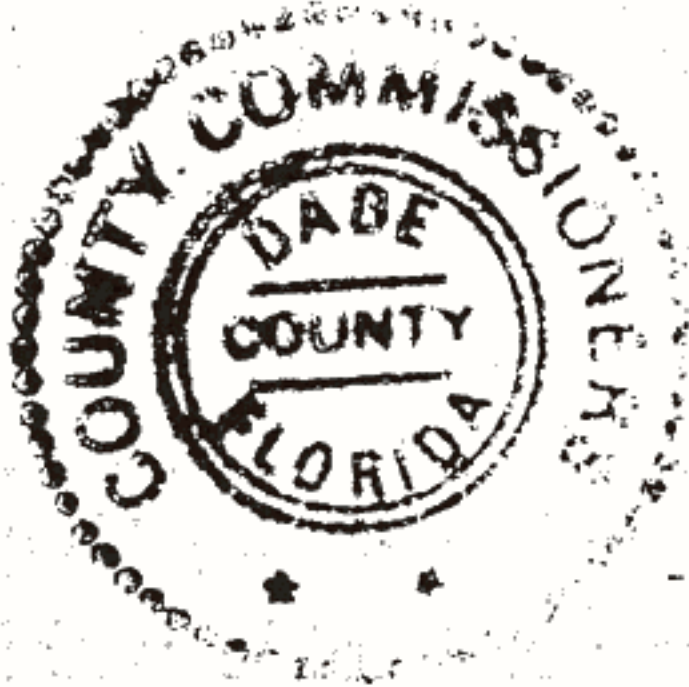
Section 4. Directs the County Manager to provide a copy of this resolution to Miami-Dade's Congressional and Legislative delegations, the District Engineer of the U.S. Army Corps of Engineers, the Executive Director and Governing Board membership of the South Florida Water Management District and the membership of its Water Resources Advisory Commission.

The foregoing resolution was offered by Commissioner **Rebeca Sosa**, who moved its adoption. The motion was seconded by Commissioner **Dennis C. Moss** and upon being put to a vote, the vote was as follows:

Dr. Miriam Alonso	absent	Bruno A. Barreiro	aye
Dr. Barbara Carey-Shuler	aye	Betty T. Ferguson	aye
Gwen Margolis	aye	Joe A. Martinez	aye
Jimmy L. Morales	aye	Dennis C. Moss	aye
Dorrian D. Rolle	aye	Natacha Seijas	absent
Katy Sorenson	absent	Rebeca Sosa	aye
Sen. Javier D. Souto			aye

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The Chairperson thereupon declared the resolution duly passed and adopted this 12th day of March, 2002. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: **KAY SULLIVAN**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

DM

David M. Murray